



Docket No.: 50229-377

TPW
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of
David HILDEBRAND, et al.
Serial No.: 10/622,774
Filed: July 21, 2003
For: RECOMBINANT STOKESIA EPOXYGENASE GENE

: Customer Number: 20277
: Confirmation Number: 4235
: Group Art Unit: 1638
: Examiner:

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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SHEET 1 OF 3

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 50229-377	SERIAL NO. 10/622,774		
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U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ₂ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	US	4,459,355	07/10/1984	Cello et al.			
	US	4,536,475	08/20/1985	Anderson			
	US	4,945,050	07/31/1990	Sanford et al.			
	US	5,036,006	07/30/1991	Sanford et al.			
	US	5,100,792	03/31/1992	Sanford et al.			
	US	5,177,010	01/05/1993	Goldman et al.			
	US	5,179,022	01/12/1993	Sanford et al.			
	US	5,204,253	04/20/1993	Sanford et al.			
	US	5,371,014	12/06/1994	Matsuyama et al.			
	US	5,405,765	04/11/1995	Vasil et al.			
	US	5,464,763	11/07/1995	Schilperoort et al.			
	US	5,478,744	12/26/1995	Sanford et al.			
	US	5,484,956	01/16/1996	Lundquist et al.			
	US	5,489,520	02/06/1996	Adams et al.			
	US	5,508,468	04/16/1996	Lundquist et al.			
	US	5,510,318	04/23/1996	Patel et al.			
	US	5,538,877	07/23/1996	Lundquist et al.			
	US	5,554,798	09/10/1996	Lundquist et al.			
	US	5,565,346	10/15/1996	Facciotti			
	US	5,846,784	12/08/1998	Hitz			
	US	6,329,518 B1	12/11/2001	Green et al.			
FOREIGN PATENT DOCUMENTS							
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						<input type="checkbox"/> Yes <input type="checkbox"/> No	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
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					Yes	No
		EP 0 267 159 A2	05/11/1988	CIBA-GEIGY AG		X
		EP 0 442 174 A1	08/21/1991	PIONEER HI-BREED INTERNATIONAL, INC.	X	
		EP 0 486 233 B1	05/20/1992	PIONEER HI-BREED INTERNATIONAL, INC.	X	
		EP 0 486 234 B1	05/20/1992	PIONEER HI-BREED INTERNATIONAL, INC.	X	
		EP 0 539 563 B1	10/17/2001	MONSANTO TECHNOLOGY LLC	X	
		EP 0 604 662 A1	07/06/1994	JAPAN TOBACCO INC.	X	
		EP 0 672 752 A1	09/20/1995	JAPAN TOBACCO INC.	X	
		EP 0 674 725 B1	10/04/1995		X	
		WO 02/08269 A2	01/31/2002	E.I. DUPONT DE NEMOURS AND COMPANY	X	
		WO 91/02071	02/21/1991	DEKALB PLANT GENETICS	X	
		WO 95/06128	03/02/1995	DEKALB GENETICS CORPORATION	X	
		WO 94/11516	05/26/1994	E.I. DUPONT DE NEMOURS AND COMPANY	X	
		WO 98/46762	10/22/1998	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	X	
		WO 98/56922	12/17/1998	E.I. DUPONT DE NEMOURS AND COMPANY	X	
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		CLOUGH, Steven J., et al. "Floral Dip: a simplified method for Agrobacterium-mediated transformation of <i>Arabidopsis thaliana</i> ." Blackwell Science Ltd., 1999, <i>The Plant Journal</i> (1988) 16(6), pp. 735-743.					
		LEE, Michael., et al. "Identification of Non-Heme Dihron Proteins That Catalyze Triple Bond and Epoxy Group Formation." <i>Science</i> , Volume 280, May 8, 1998, pp. 915-918					
		BROWN, Pierre., et al " Accumulation of Ricinoleic, Lesquerolic, and Densipolic Acids in Seeds of Transgenic <i>Arabidopsis</i> Plants That Express a Fatty Acyl Hydroxylase cDNA from Castor Bean ¹ ." <i>Plant Physiol.</i> (1997), 113, pp. 933-942.					
		CAHOON, Edgar B. Transgenic Production of Epoxy Fatty Acids by Expression of a Cytochrome P450 Enzyme from <i>Euphorbia lagascae</i> Seed." <i>Plant Physiology</i> , February 2002, Volume 128, pp. 615-624.					
		BAFOR, Maureen., et al. " Biosynthesis of Vernoleate (cis-12-Epoxyoctadeca-cis-9-enoate) in Microsomal Preparations from Developing Endosperm of <i>Euphorbia lagascae</i> ." <i>Archives of Biochemistry and Biophysics</i> , Vol. 303, No. 1, May 15, pp. 145-151, 1993					
		HILDEBRAND, DAVID., et al. " Redirecting Lipid Metabolism In Plants." Department of Agronomy, university of Kentucky, Lexington Kentucky, 40546-0091, pp. 1-68					
		SEITHER, Craig Anthony, Thesis: Characterization of Epoxy Fatty Acid Synthesis in <i>Vernonia Galamensis</i> and the Isolation of Candidate cDNA Clones." Pp. 1-107					
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